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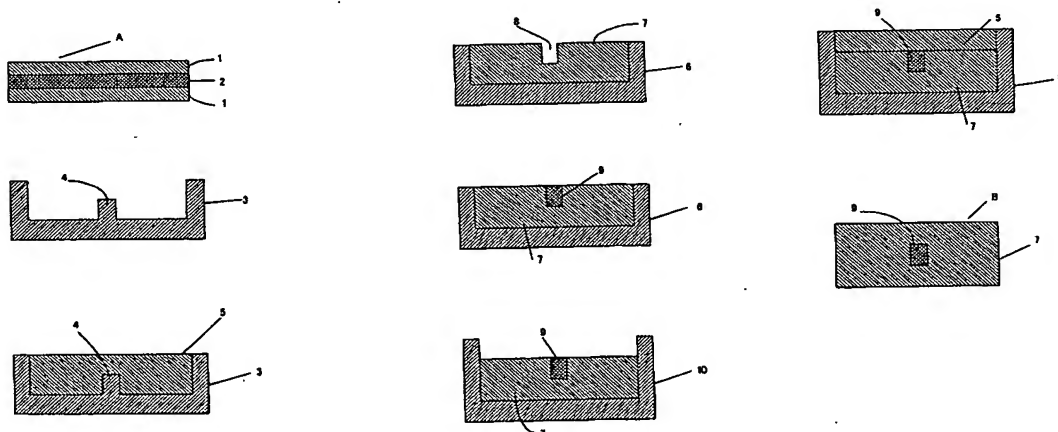
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(54) Title: **CURABLE ORGANOPOLYSILOXANE RESIN COMPOSITION FOR OPTICAL TRANSMISSION COMPONENTS, OPTICAL TRANSMISSION COMPONENTS, AND FABRICATION PROCESS THEREOF**



(57) Abstract: The present invention relates to a hydrosilation-curable organopolysiloxane resin composition comprising (A) an organopolysiloxane resin having three or more monovalent unsaturated aliphatic hydrocarbon groups and aromatic hydrocarbon groups, (B) an organosilicon compound having two or more silicon-bonded hydrogen atoms and aromatic hydrocarbon groups, (C) a hydrosilation catalyst, and optionally (D) (d1) a solvent or (d2) a hydrosilation-reactive organosiloxane-based diluent, for optical transmission components, especially for optical transmission components serving as optical communication elements, relates to optical transmission components, represented by optical waveguides, comprising a hydrosilation-cured product of the aforementioned organopolysiloxane resin and organosilicon compound, and relates to a process for fabricating optical transmission components.



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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

# INTERNATIONAL SEARCH REPORT

International Application No  
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A. CLASSIFICATION OF SUBJECT MATTER  
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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 682 271 A (DOW CORNING) 15 November 1995 (1995-11-15) see ref. example and example 1	1-17
X	US 3 948 848 A (MINK) 6 April 1976 (1976-04-06) claim 1	1-17
X	US 4 198 131 A (BIRDSALL ET AL) 15 April 1980 (1980-04-15) column 2, line 61 - line 68; example 1	1-17

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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# INTERNATIONAL SEARCH REPORT

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